

FIG. 1 is a block diagram of a communication system 100. The system 100 includes an ATM TC block 142, a Framer block 130, a CRC block 128, a SCR block 126, a FEC block 124, an INT block 122, a QAM Encoder block 114, and an IDFT block 112. An Insert EOC/AOC block 132 is connected to the Framer block 130. The blocks 142, 130, 128, 126, 124, 122, 114, and 112 are connected in series. The system 100 is divided into three sections: 140 (ATM TC and Framer), 120 (CRC, SCR, FEC, INT, and QAM Encoder), and 110 (IDFT). The output of the IDFT block 112 is labeled 112.

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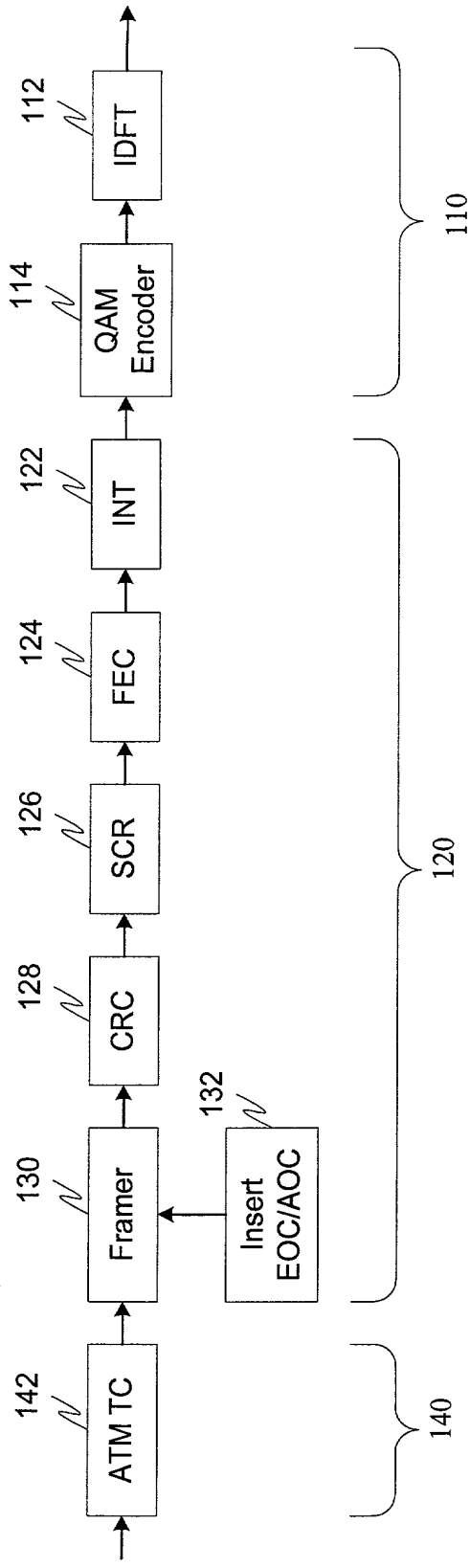


Fig. 1

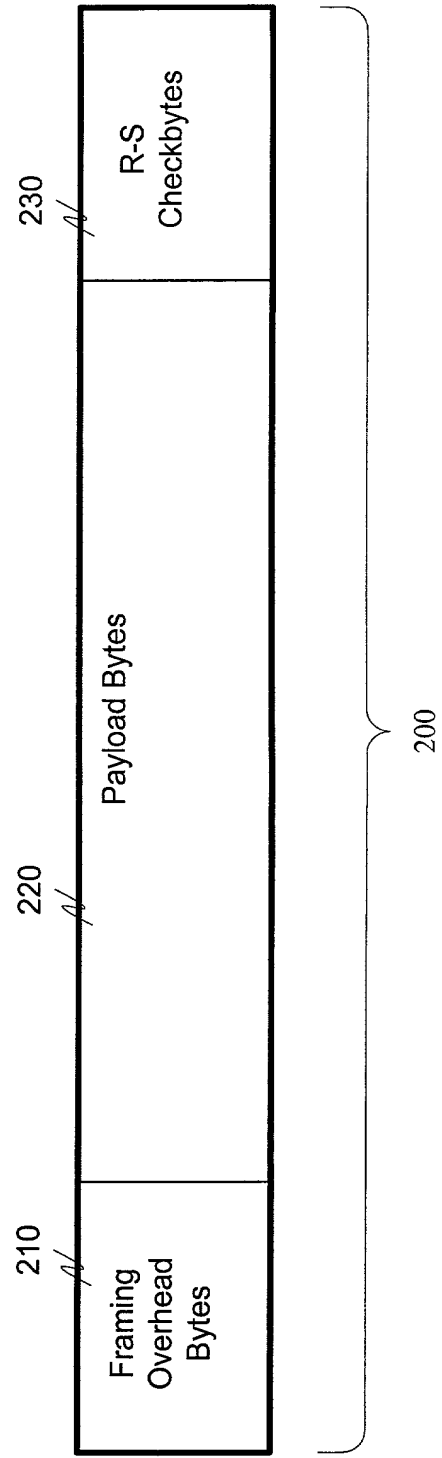


Fig. 2

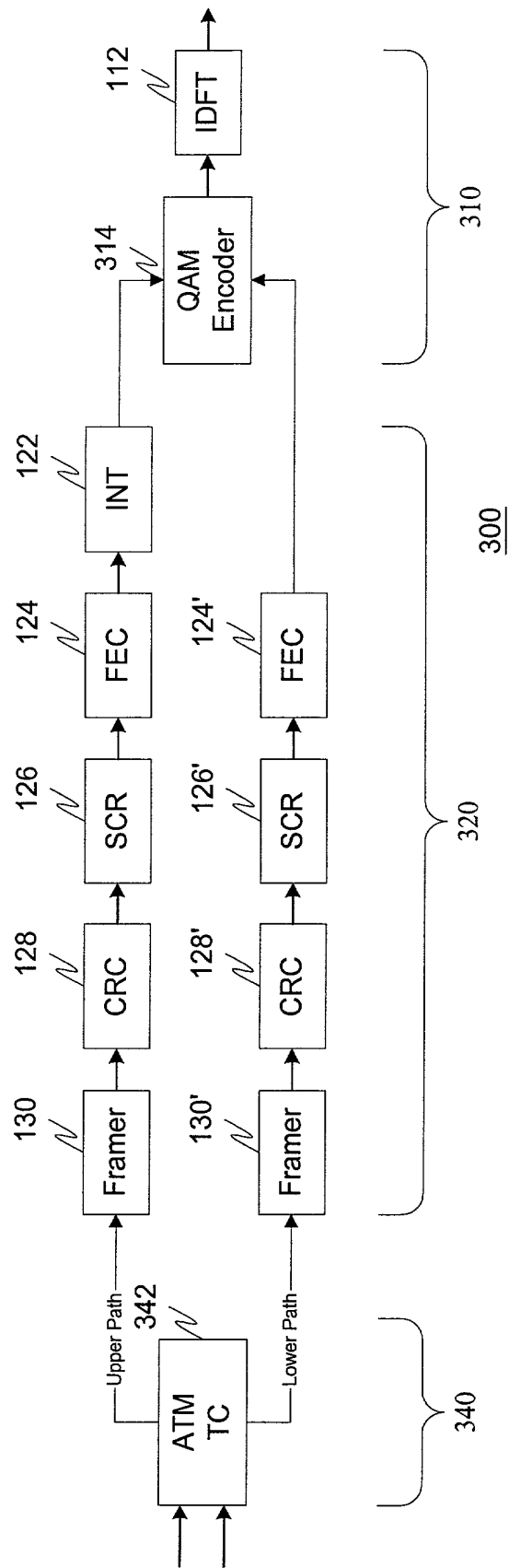


Fig. 3

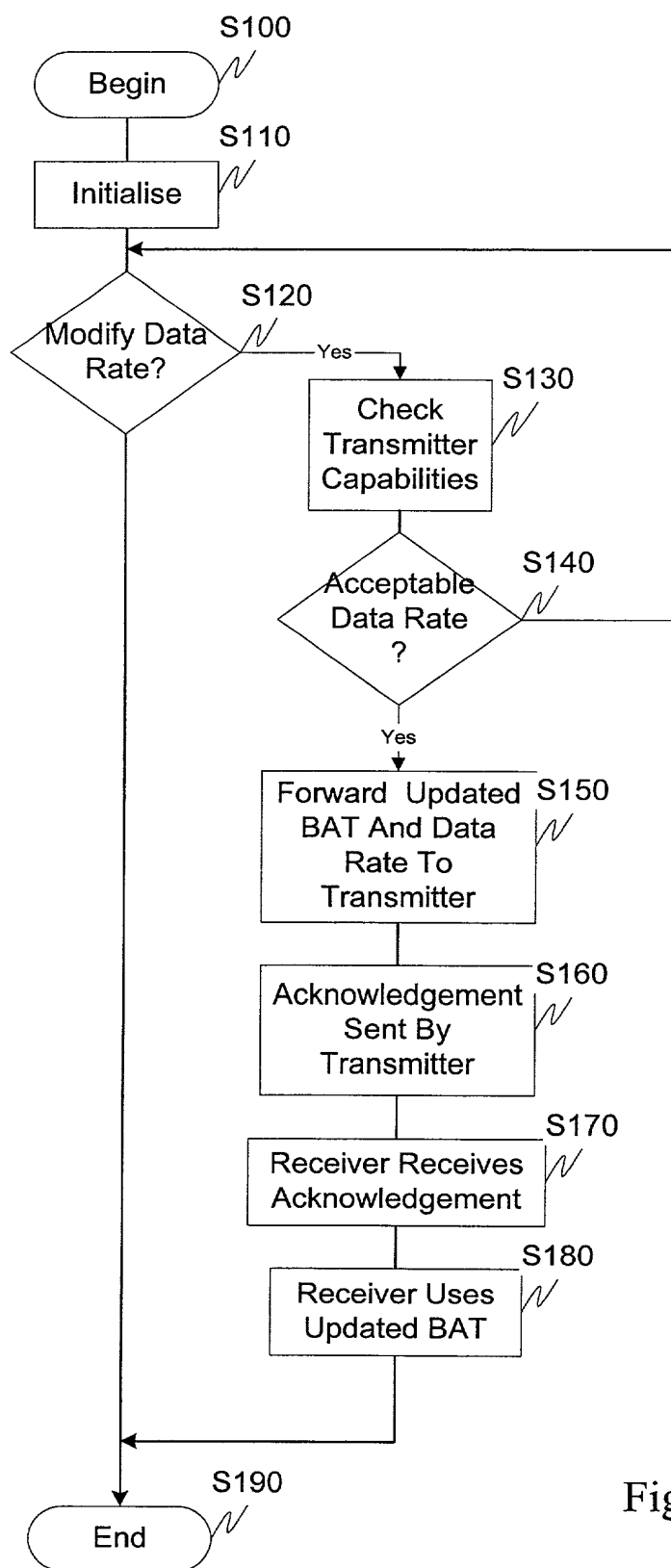


Fig. 4

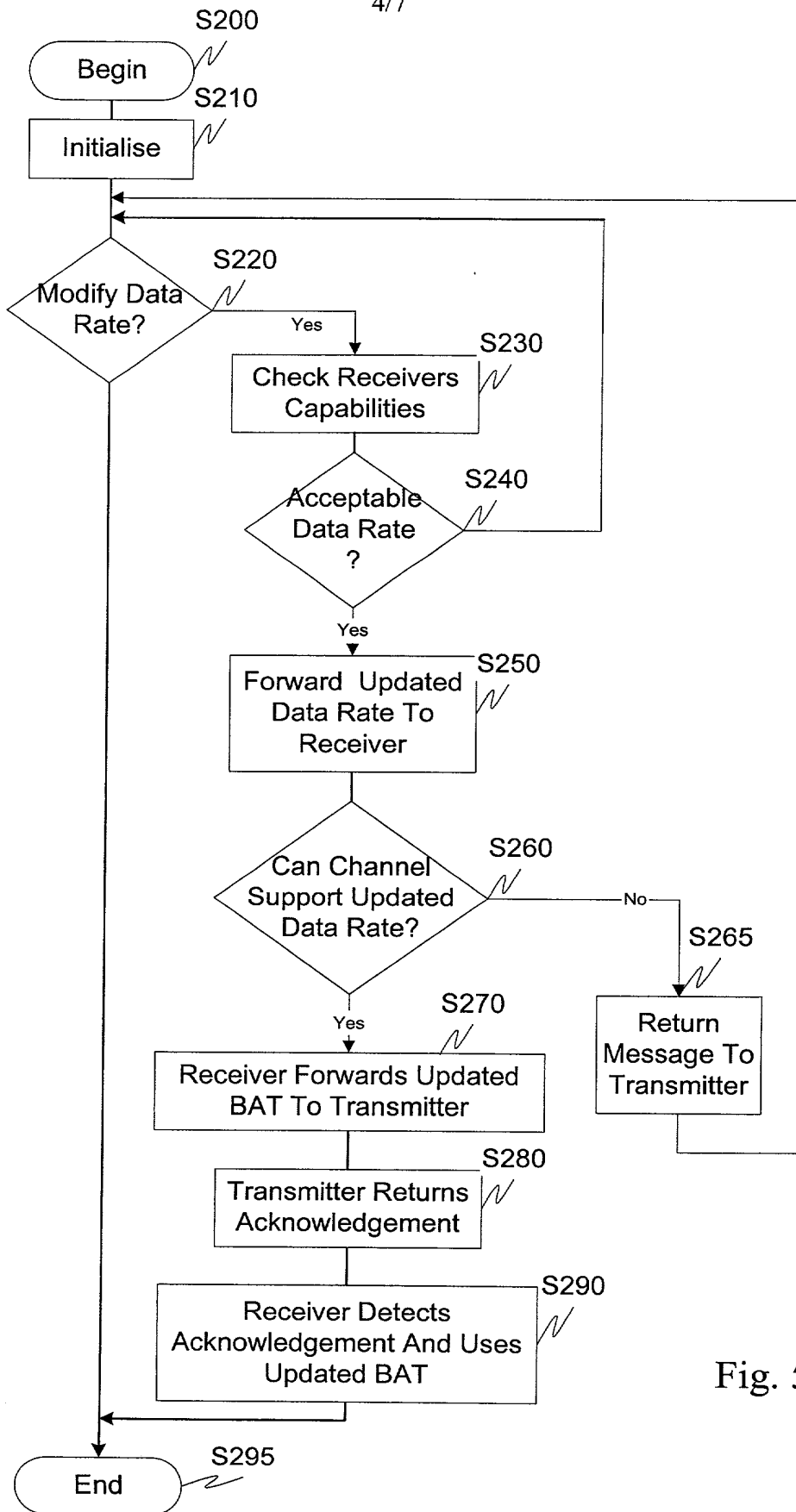


Fig. 5

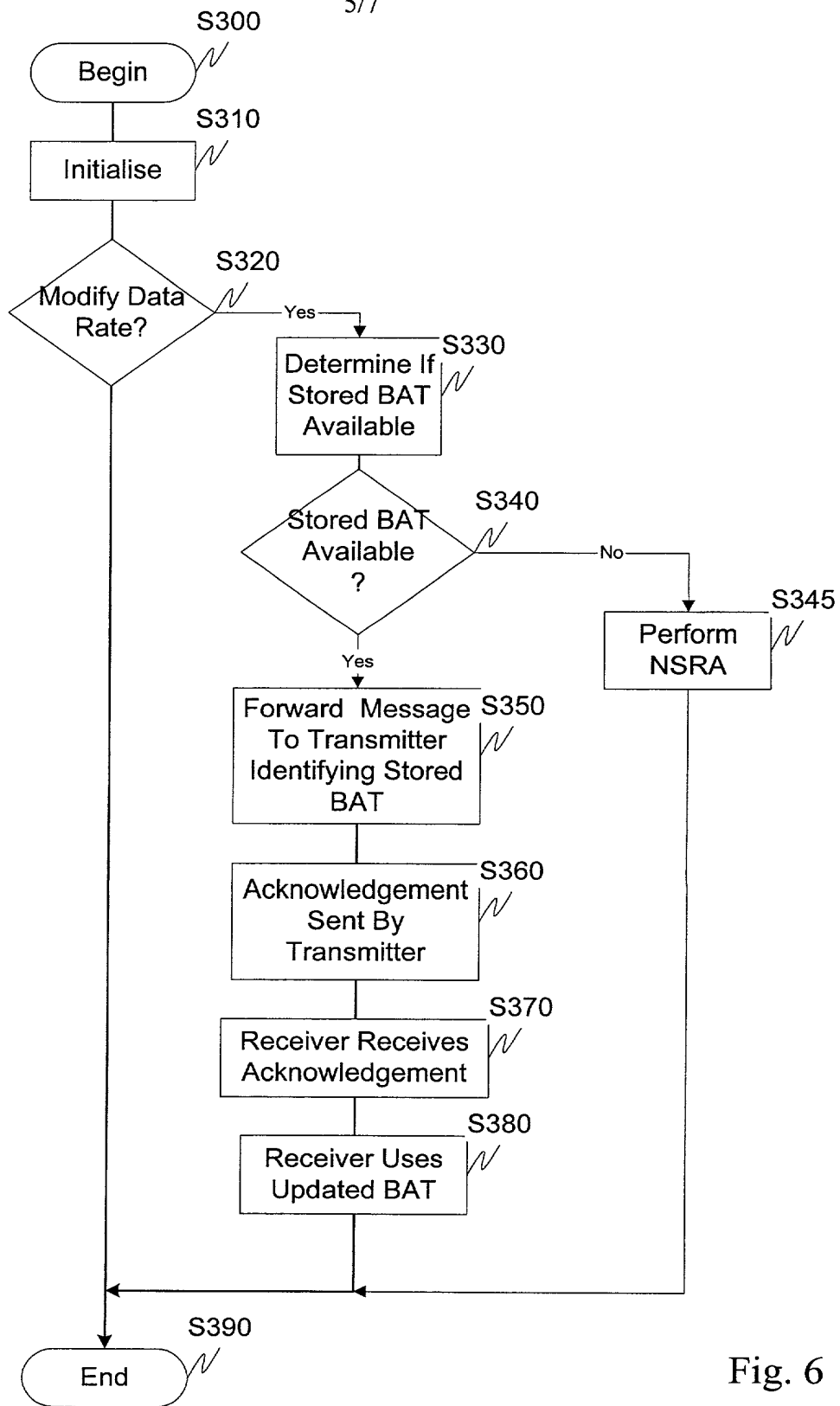


Fig. 6

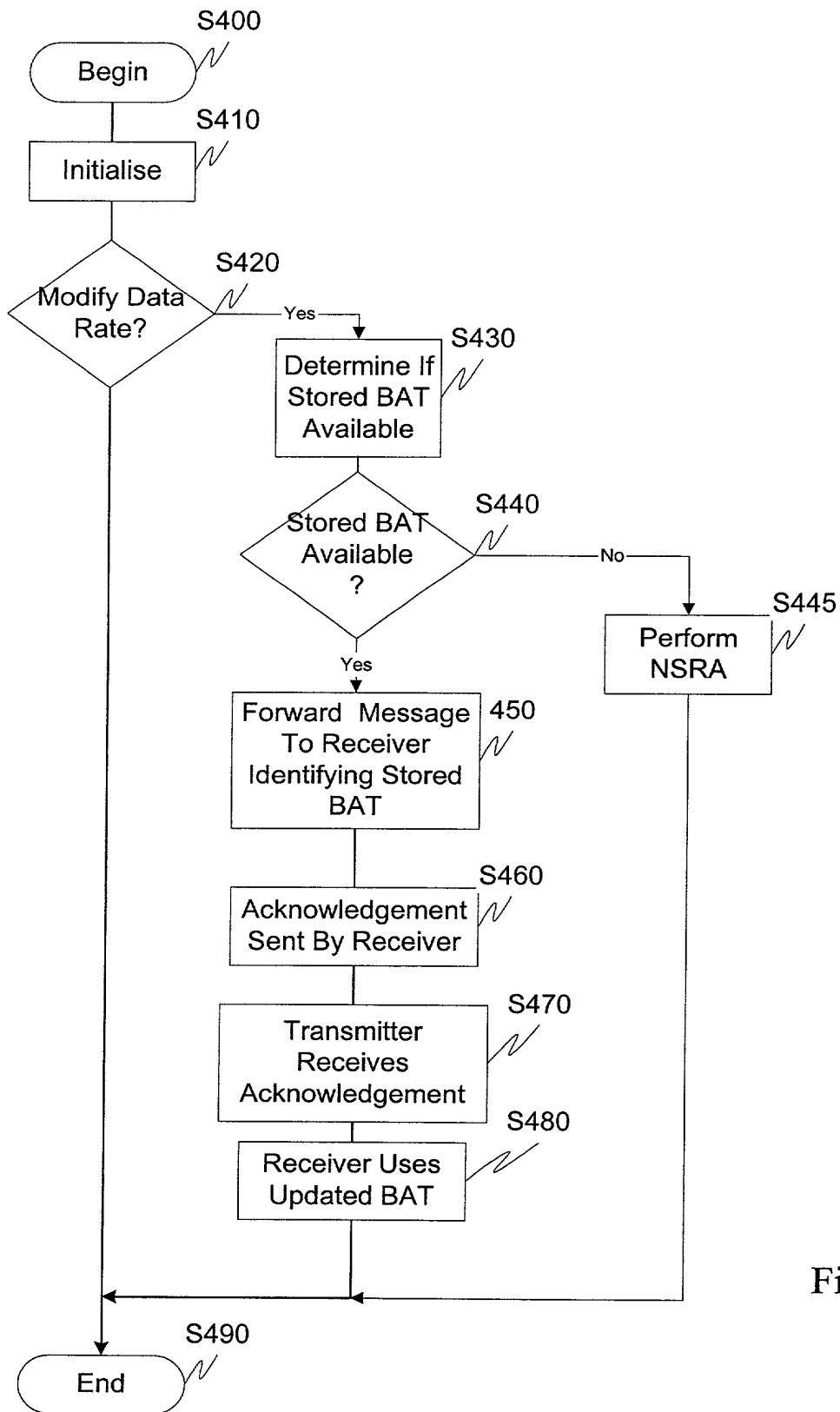


Fig. 7

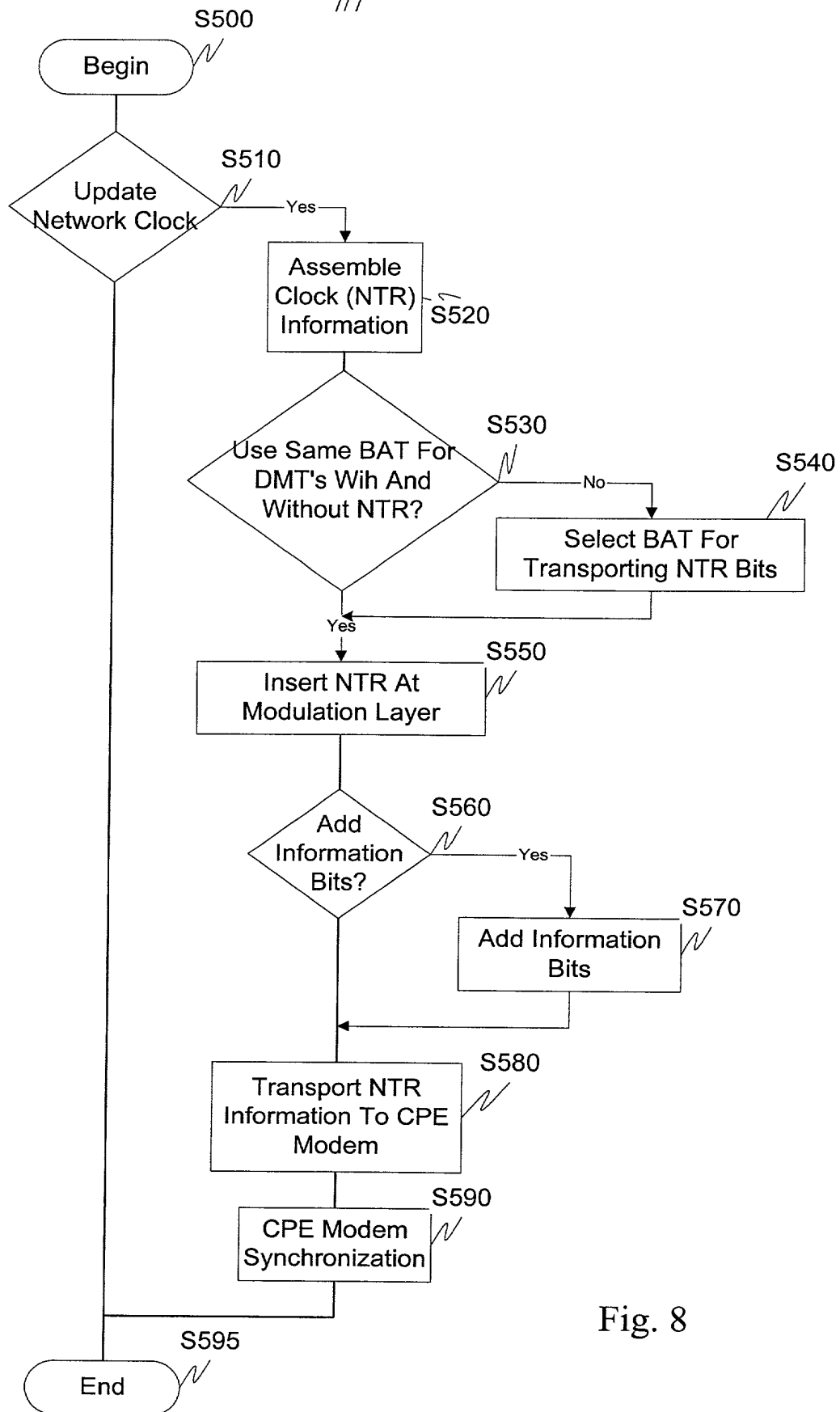


Fig. 8